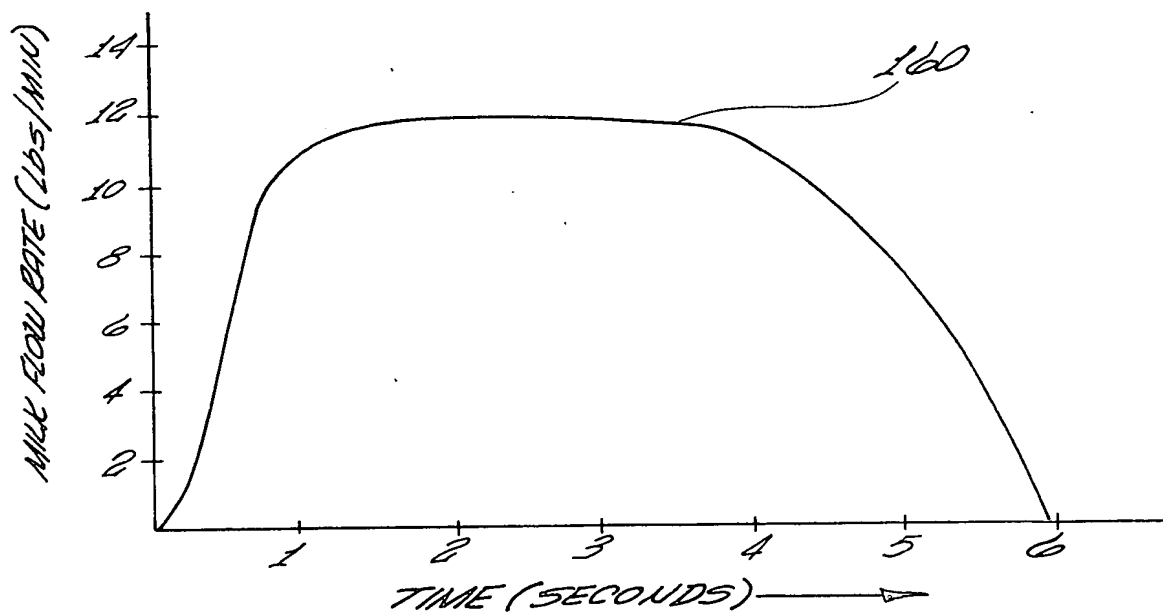
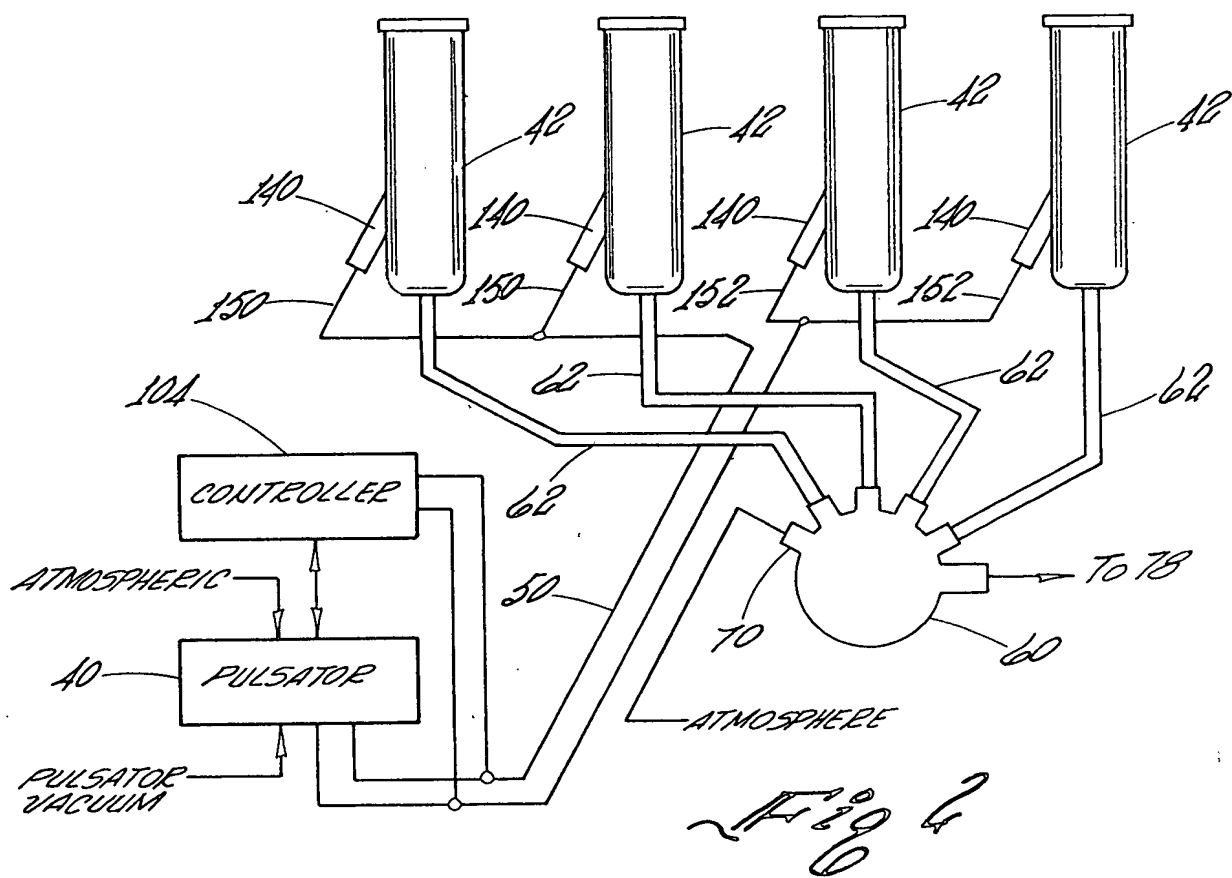


Fig 1



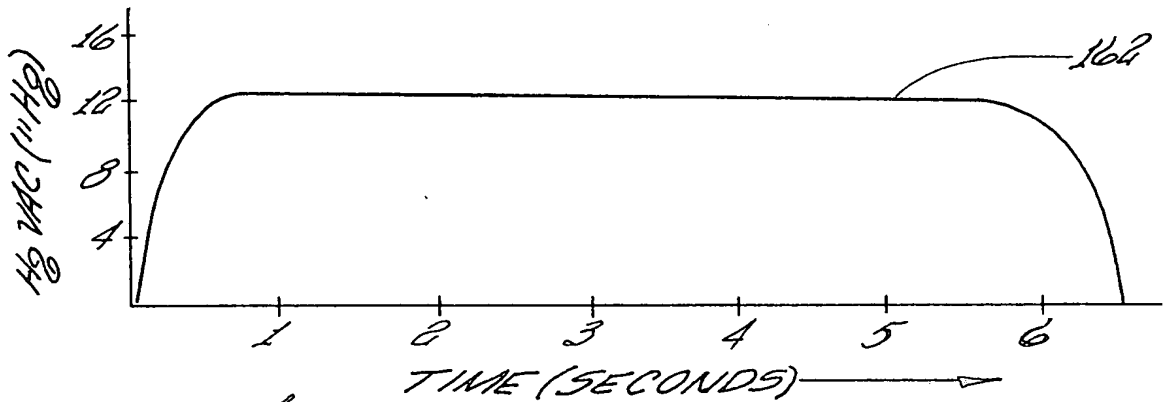


Fig 4

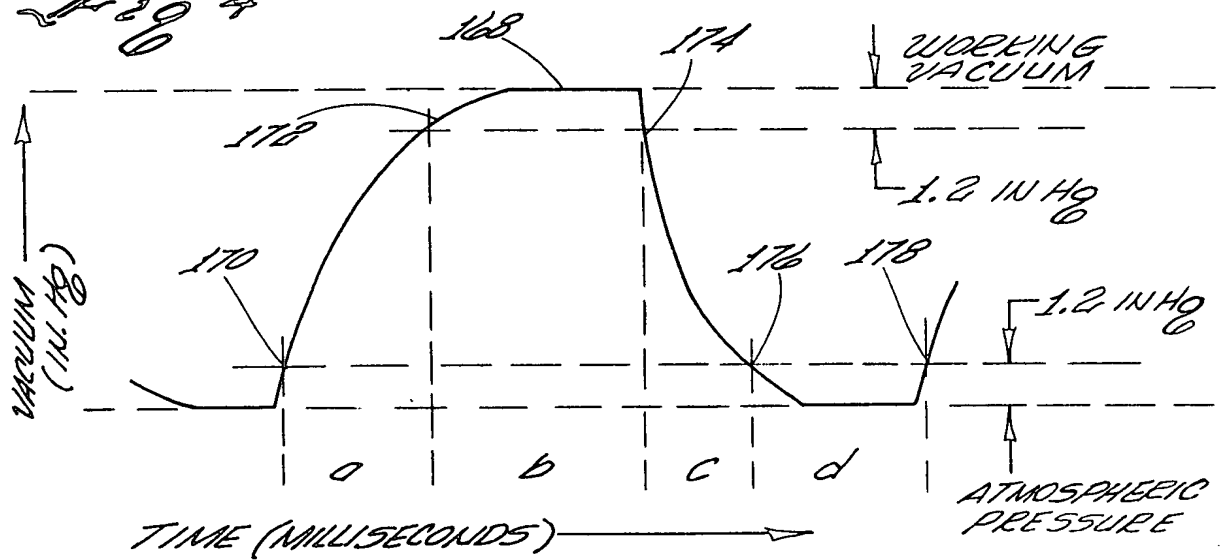


Fig 5

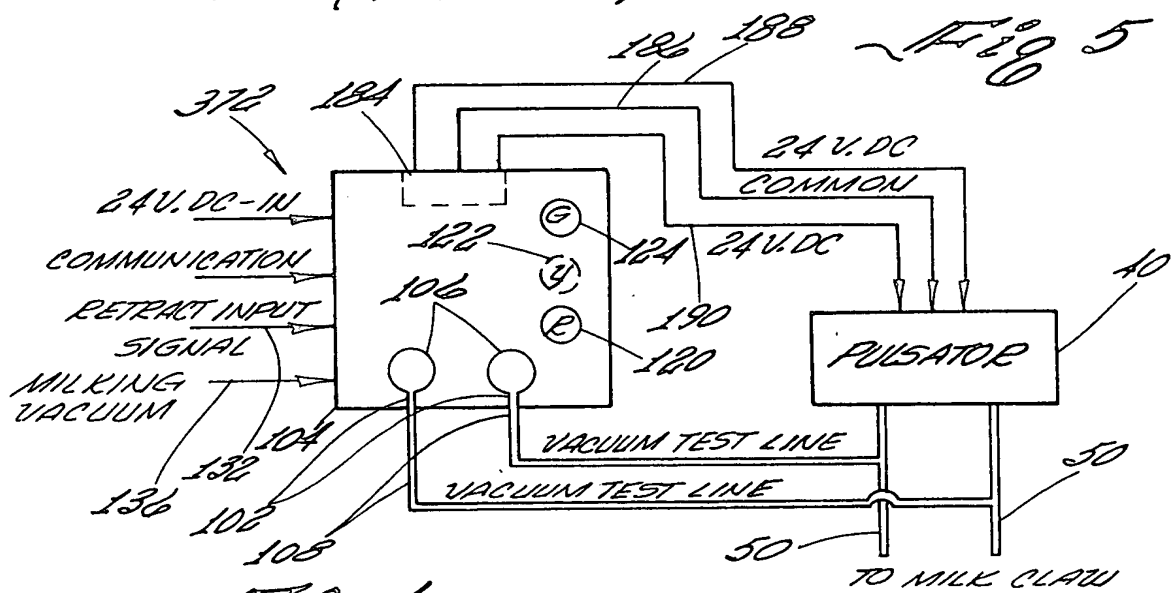


Fig 6

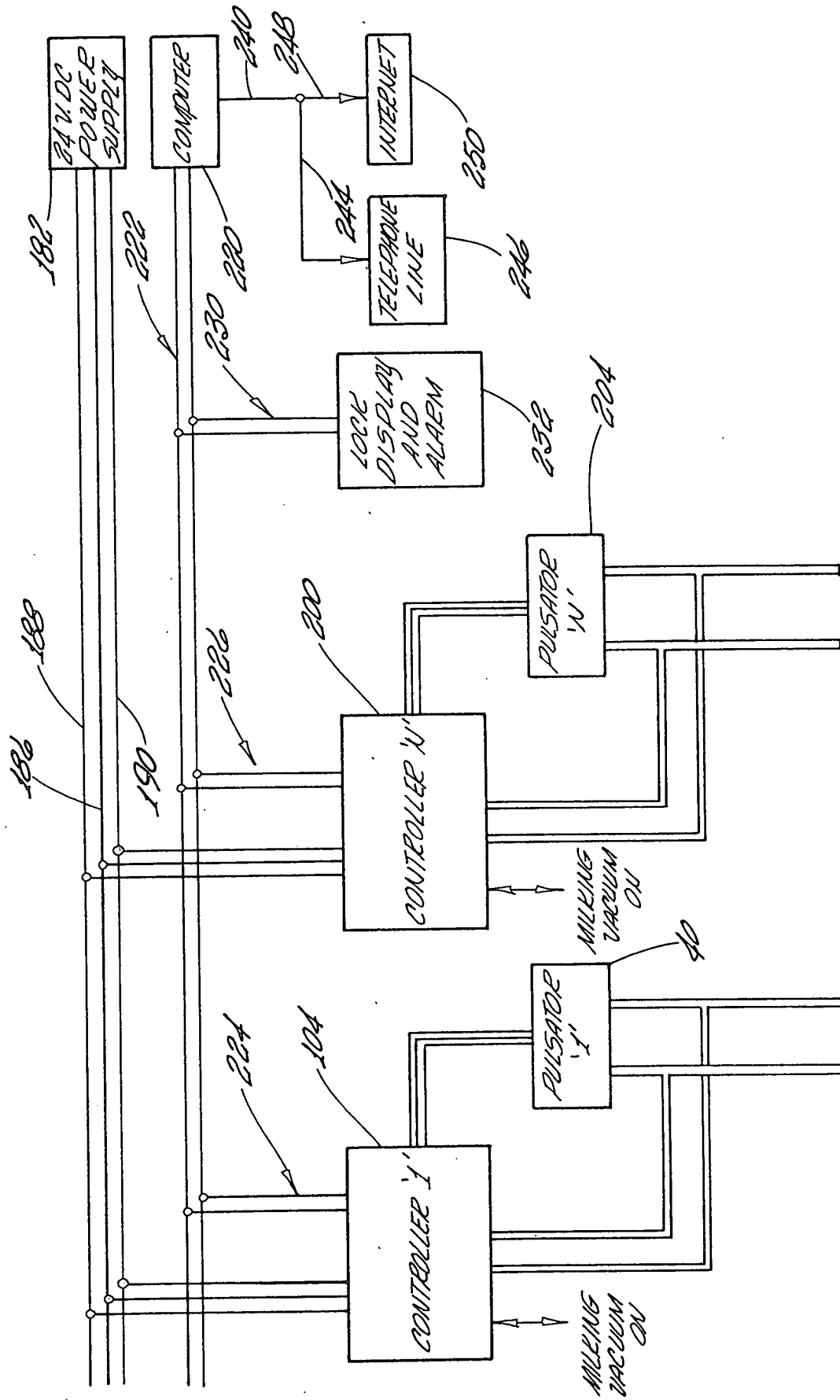


Fig 7

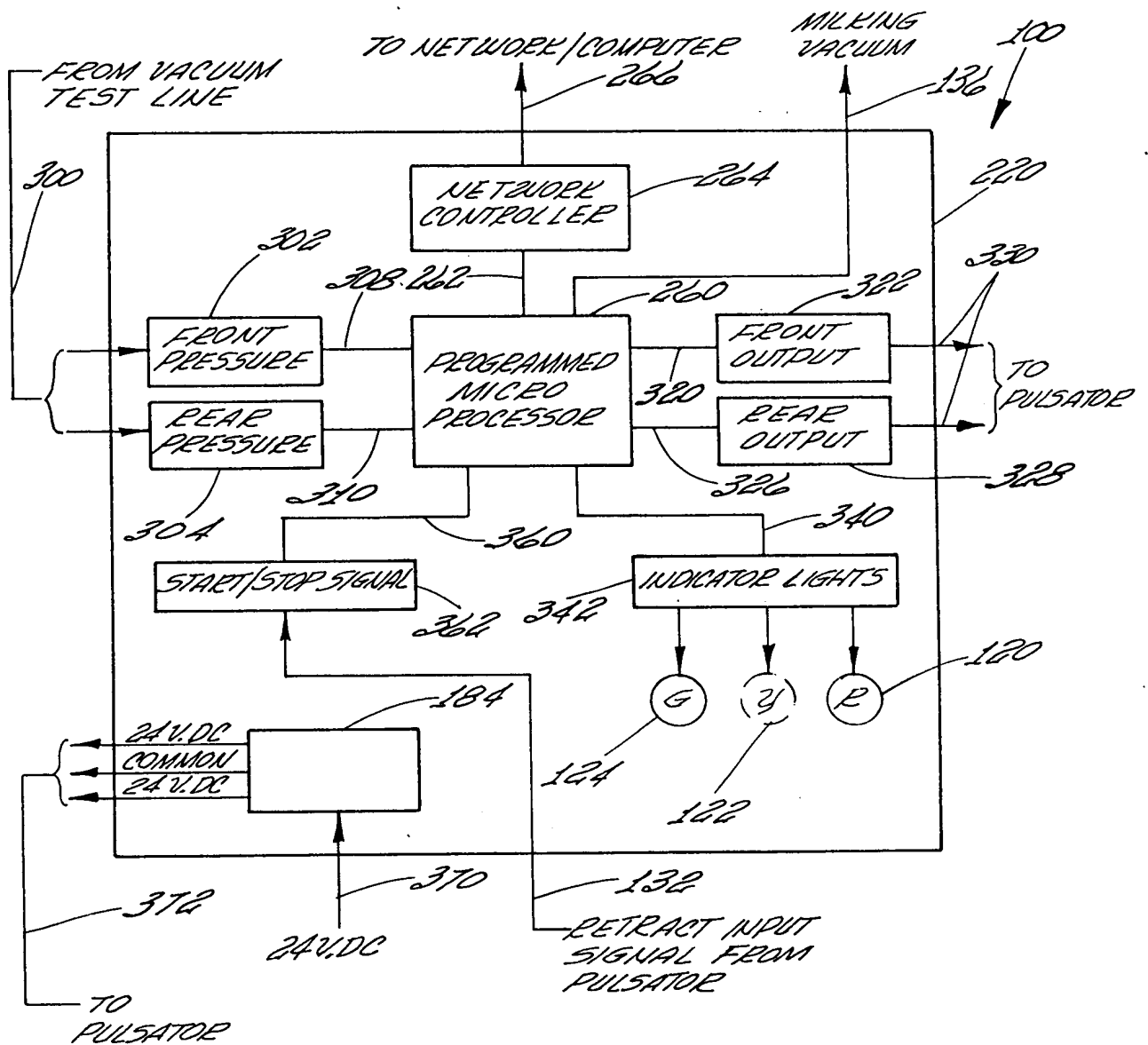
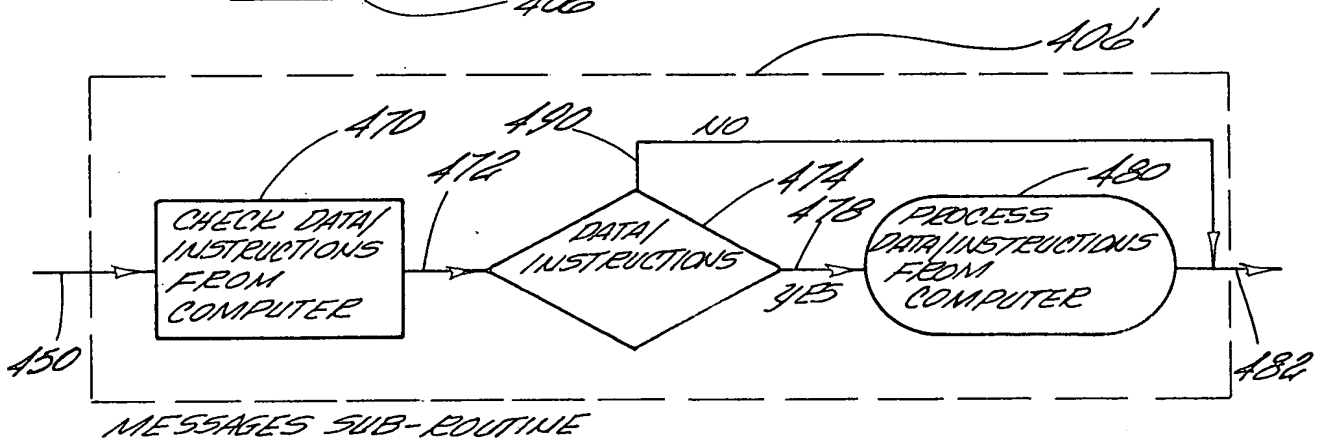
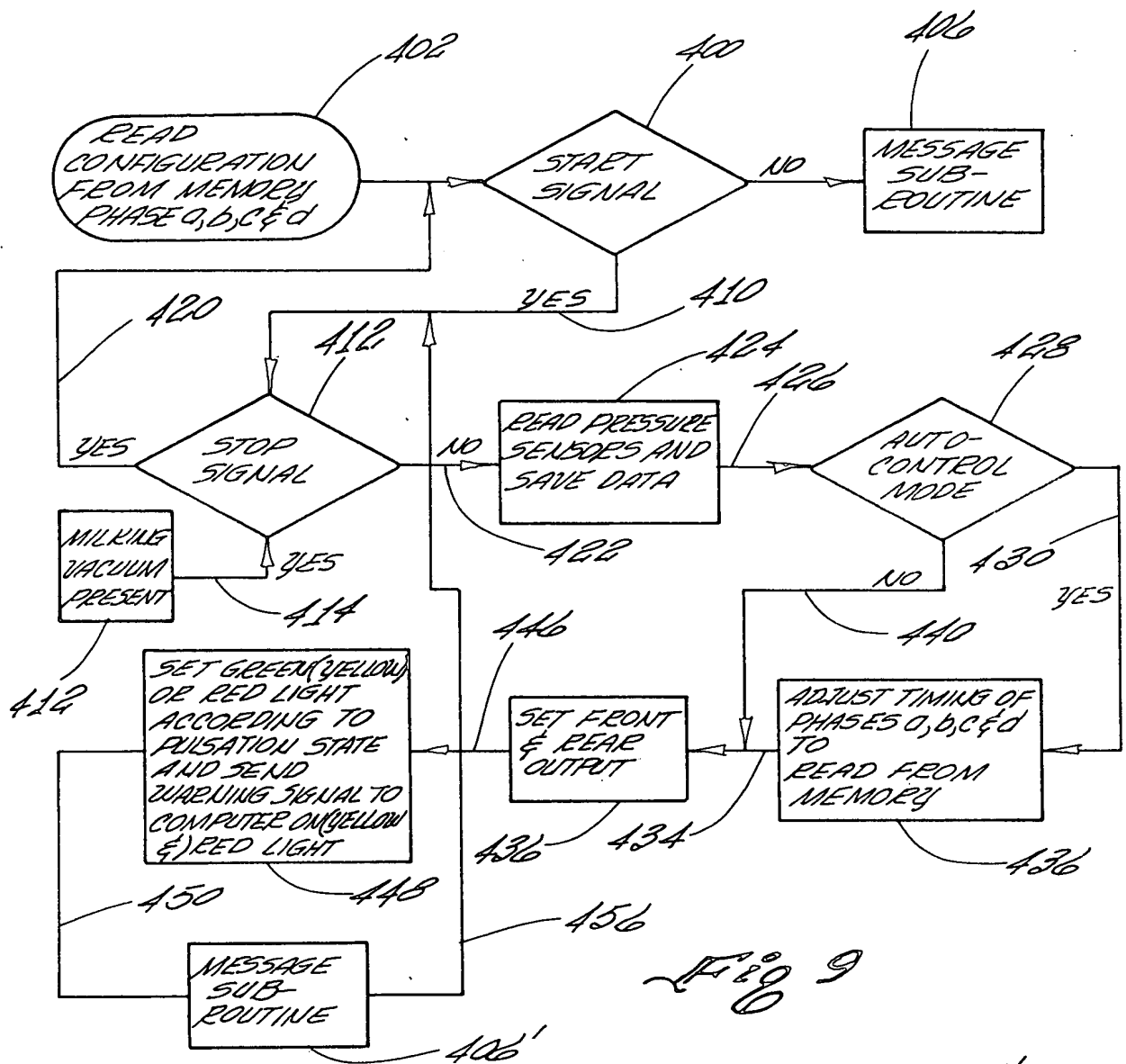


Fig 8



# Alarm Configurations

500

**Setting Rates and Ratios**

PPM >>	60
F. Ratio >>	60%
R. Ratio >>	40%

**Setting System Variables**

"A" time >>	100	< Note : every system is different
"C" time >>	130	< Note : every system is different

**Setting Alarm Parameters**

Yellow % >>	85%
Red % >>	70%

514

Ideal	ms
-------	----

510

Yellow Warning	
min	max

512

Red Warning	
min	max

<b>A + B</b>	600
A phase	100
B phase	500

85	118
425	588

70	143
350	714

516

<b>C + D</b>	400
C phase	130
D phase	270

111	153
230	318

91	186
189	386

Fig 11

Pulsator Monitor Stall: 01

Monitor
Configuration
Alarm Log

### Pulsation

PPM:

Rate On:  %

Rate Off:  %

☒ Do Pulsation

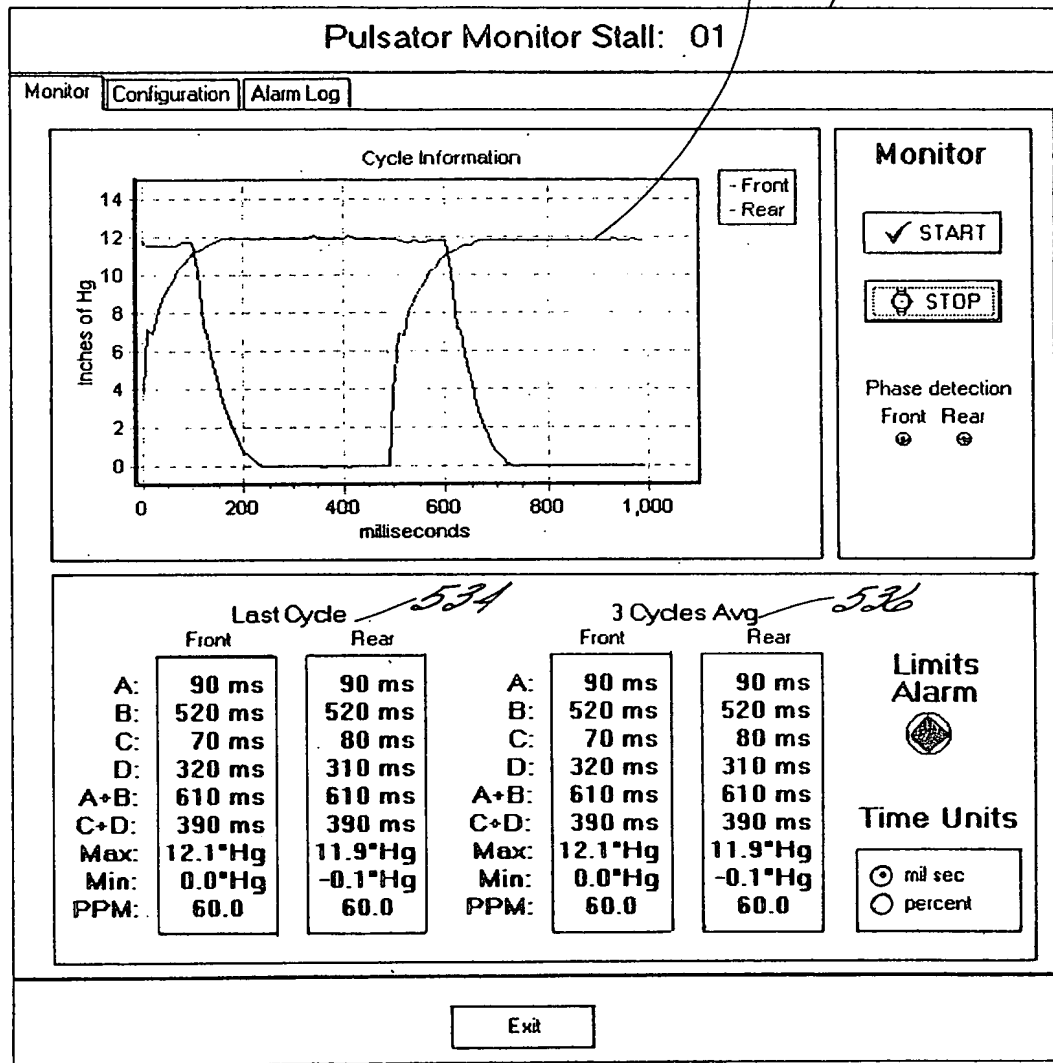
### Alarms

Cycles to Average:

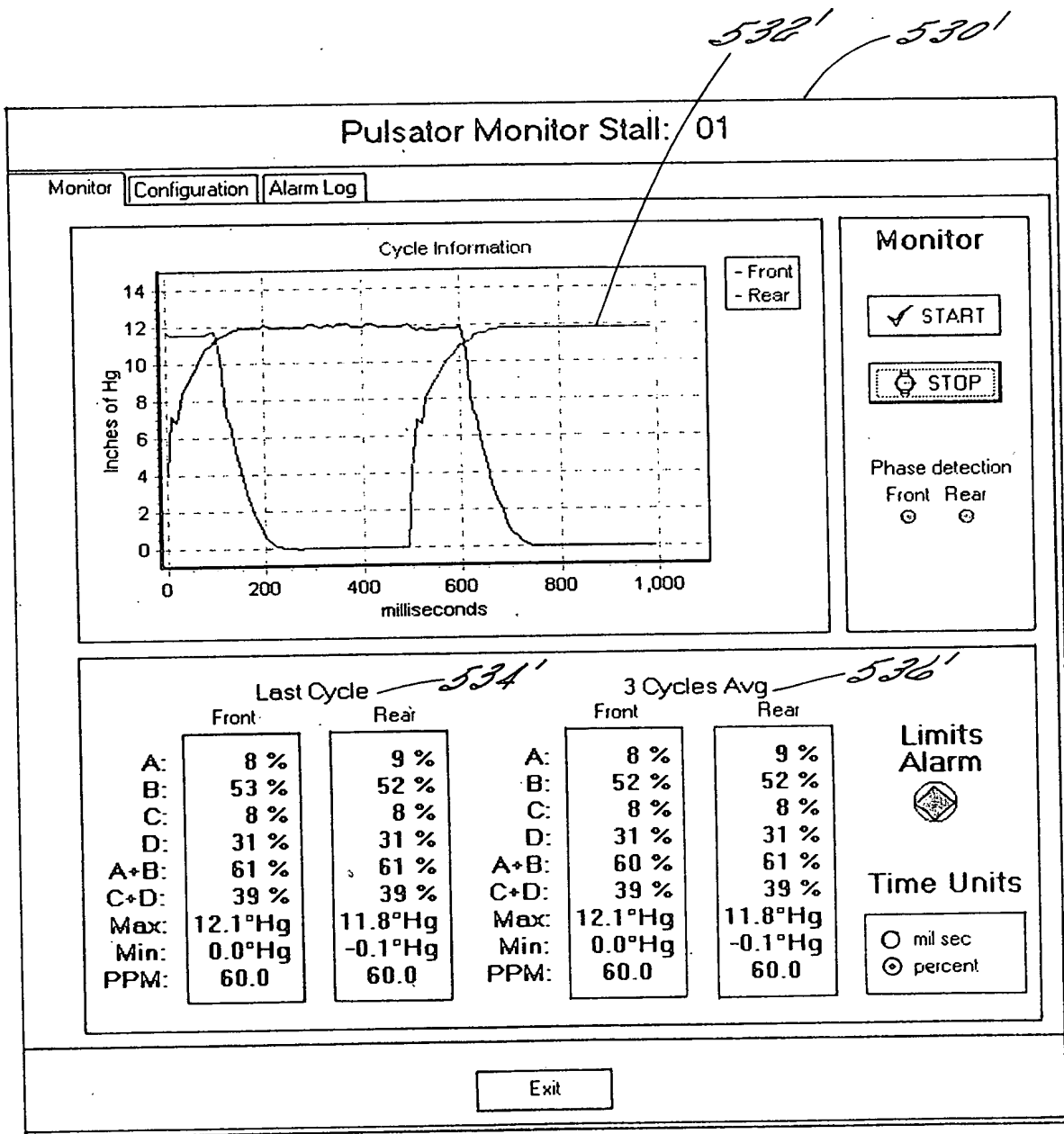
☒ Show Cycle

	YELLOW		RED		
	MIN	MAX	MIN	MAX	
PHASE A	<input style="width: 40px;" type="text" value="60"/>	<input style="width: 40px;" type="text" value="100"/>	<input style="width: 40px;" type="text" value="50"/>	<input style="width: 40px;" type="text" value="130"/>	msec
PHASE B	<input style="width: 40px;" type="text" value="430"/>	<input style="width: 40px;" type="text" value="600"/>	<input style="width: 40px;" type="text" value="350"/>	<input style="width: 40px;" type="text" value="730"/>	msec
PHASE C	<input style="width: 40px;" type="text" value="60"/>	<input style="width: 40px;" type="text" value="100"/>	<input style="width: 40px;" type="text" value="50"/>	<input style="width: 40px;" type="text" value="130"/>	msec
PHASE D	<input style="width: 40px;" type="text" value="260"/>	<input style="width: 40px;" type="text" value="370"/>	<input style="width: 40px;" type="text" value="220"/>	<input style="width: 40px;" type="text" value="440"/>	msec
Max Vacc	<input style="width: 40px;" type="text" value="11.3"/>	<input style="width: 40px;" type="text" value="12.7"/>	<input style="width: 40px;" type="text" value="10.8"/>	<input style="width: 40px;" type="text" value="12.8"/>	°Hg
Min Vacc	<input style="width: 40px;" type="text" value="-0.3"/>	<input style="width: 40px;" type="text" value="0.3"/>	<input style="width: 40px;" type="text" value="-0.5"/>	<input style="width: 40px;" type="text" value="0.5"/>	°Hg

Fig 16



*Fig 13*



*Fig 14*

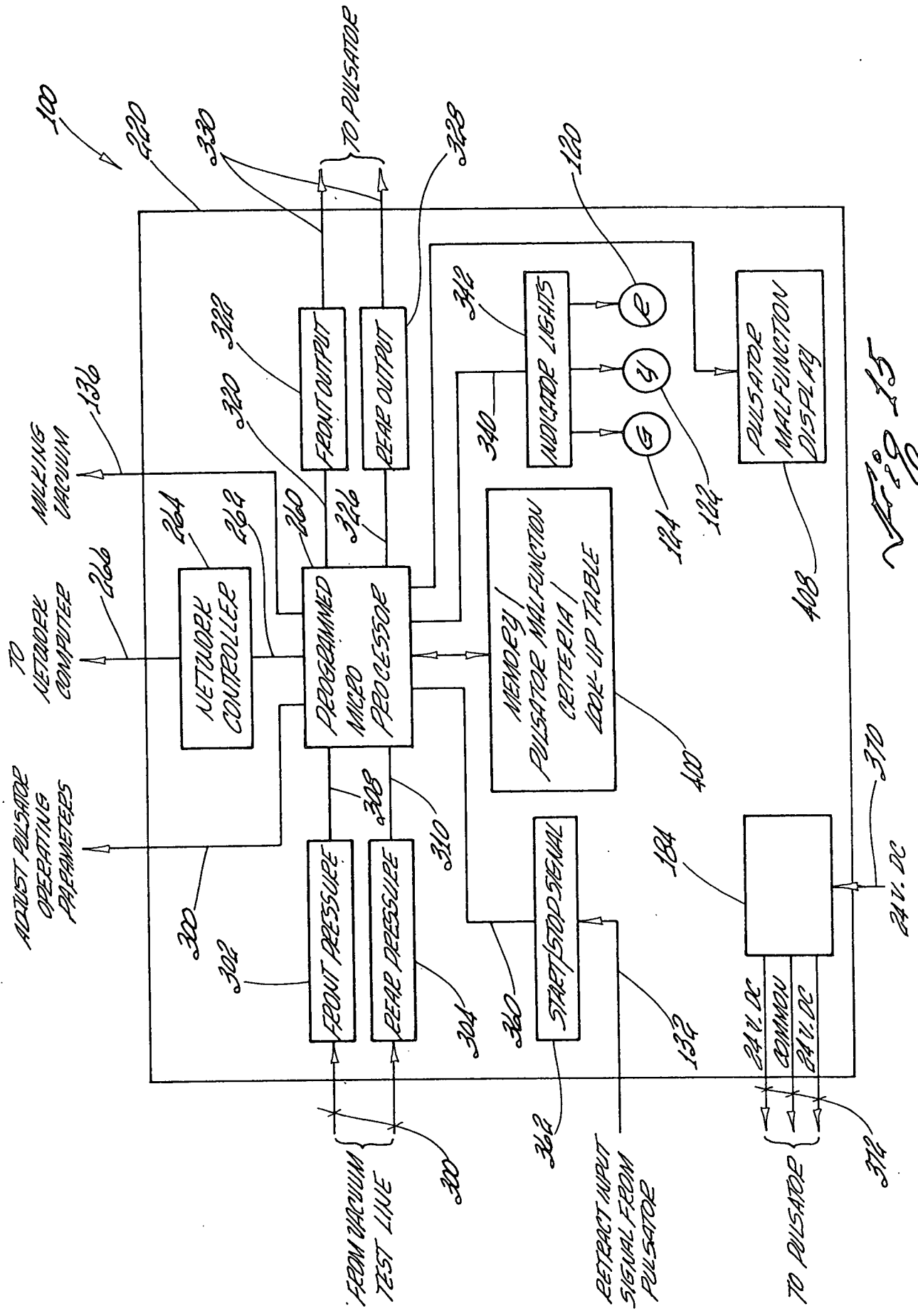
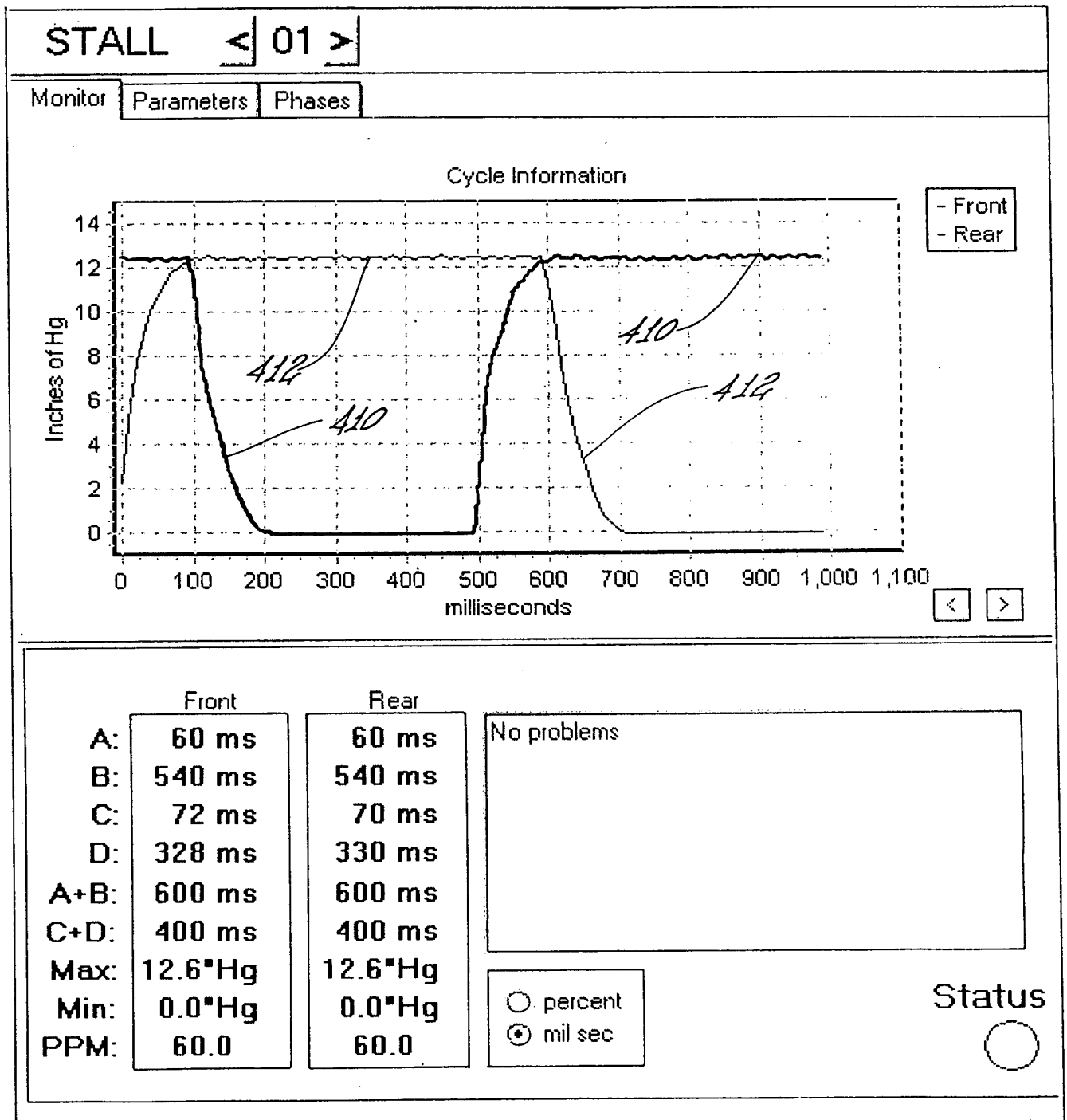


Fig 15



~Fig 16

STALL
< 01 >

Monitor
Parameters
Phases

### Pulsation

☒ Do Pulsation

☒ By Activation

☐ From Network
☒ From VSO coil
☒ 0v Pulsate

---

PPM: 60
Rate On: 60 %
Rate Off: 40 %

### Alarms

☒ Do Monitoring

☒ By Activation

☐ From Network
☒ From VSO coil
☒ 0v Monitor

---

PPM: 60
Rate On: 60 %
Rate Off: 40 %

### Alarm Limits

Cycles to Average: 5
Rate On and PPM variation: 2 %
Phase D Max Vacc: 0.10 °Hg
Phase B Vacc Range: 12.26 - 12.76 °Hg

#### Minimum Phases

Phase A: 55 msec
Phase B: 400 msec
Phase C: 60 msec
Phase D: 180 msec

READ THIS

PROGRAM THIS

PROGRAM ALL

Fig 17

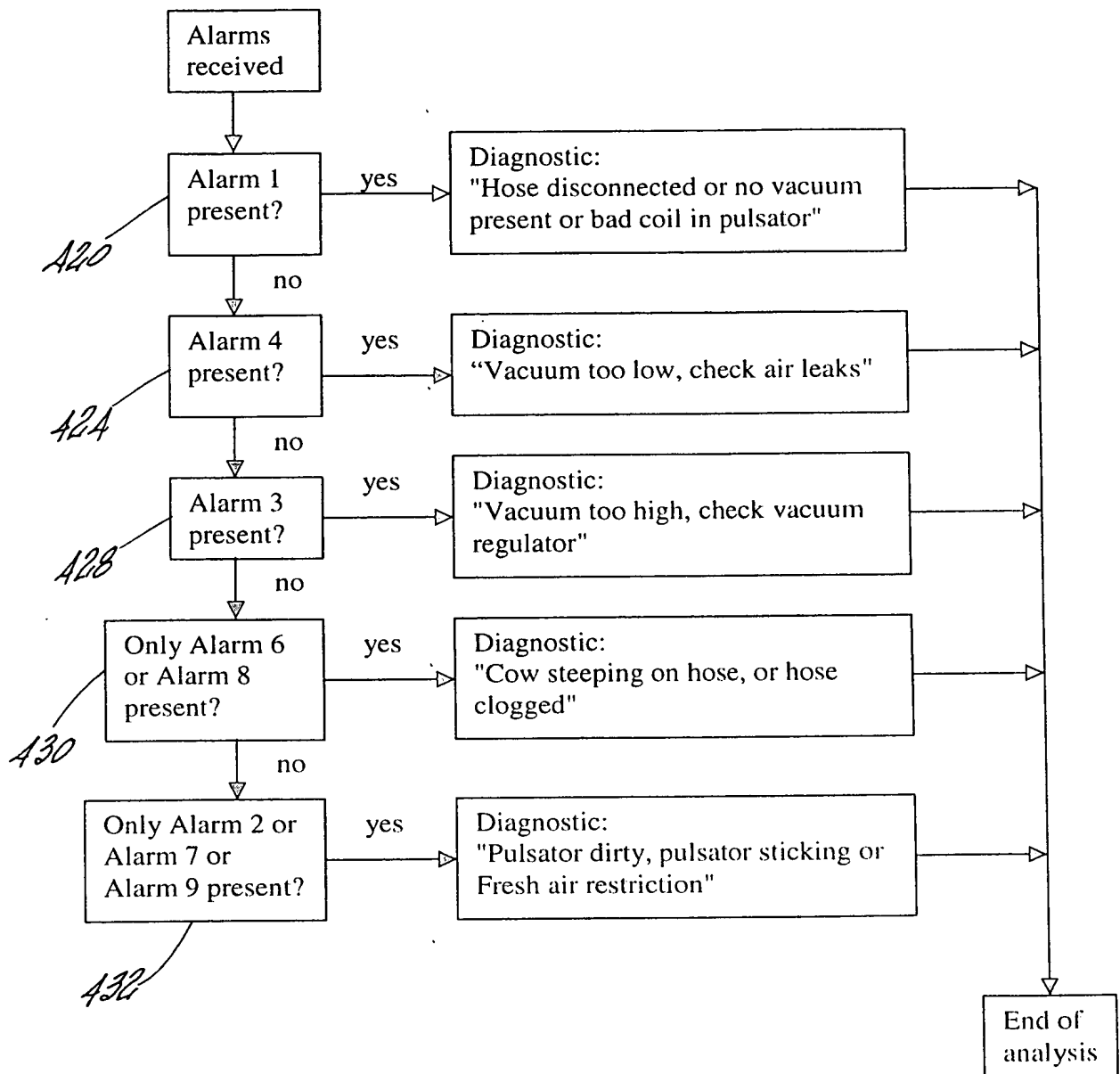


Fig 1B